

Global List Assessment Summary Form

Site: Royal Carting Service, Route 82, East Fishkill, Dutchess County, NY

EPA ID# 002426757

Pre-remedial Score: N/A

State Contact: NYSDEC: Dan Eaton (Site de-listed in 1995)

Documents in File: Phase II Investigation Report (08/93)

Pertinent Site Information:

The Site is located on Route 82 near the intersection of Inky Road in a rural residential area of Hopewell Junction, New York. The 5 acre lot contains an open graveled lot, truck yard, garage and office building and is surrounded by swamp and dense vegetation. Sprout Creek flows along the north and west property boundaries. The Site was a former privately owned landfill where municipal and industrial wastes were received and stored between 1950-1962. During this time the facility accepted several hundred 15, 35 and 55 gallon drums and 5 gallon pails of waste (labeled on manifests as "grease and oil") generated by the Texaco Research Center in Glenham, NY. The property was purchased by Royal Carting Services Company in 1971. In 1981 Royal Carting delivered some of the containers to the FICA Landfill in the Town of Poughkeepsie and the Harlem Valley Landfill. The remaining containers were buried on the Site in 1982, but were later excavated that year and sent along with some of the surrounding soil to the FICA Landfill under NYSDEC supervision. Waste samples collected from these drums in 1981 by the Dutchess County Health Department (DCHD) and NYSDEC reportedly showed the material to be non-hazardous.

A Phase II investigation on the Site was conducted 1992 by Geraghty & Miller, Inc. for the Watch Hill Holding Company working under a 1990 Order on Consent with NYSDEC. The investigation included air monitoring, soil sampling, monitoring well installation and sampling, surface water sampling, stream sediment sampling and aquifer testing. Results presented in an August 1993 Phase II Investigation Report showed low level (below NYS TAGM) VOC contamination (BTEX, and chlorinated hydrocarbons) in soils from the landfill area, low level VOC contamination (TCE, DCE, chlorobenzene and benzene) and metals (iron, aluminum, zinc, chromium and lead) in surface water and sediment from Sprout Creek downgradient of the Site, and low level (below MCL) VOC (TCE and PCE) and refrigerant (dichlorodifluoromethane at 220 ppb) contamination in an on-Site monitoring well in the former landfill area. In addition, an oily waste found in a partially buried metal container found on the Site revealed high levels of dichlorobenzene, naphthalene, 2-methylnaphthalene, 4-chloroaniline, phenanthrene and N-nitrosodiphenylamine. PCBs were not detected. Aquifer testing indicated that groundwater flows to the west at 170 feet per year.

Based on a 1993 request from the Watch Hill Holding Company (using the Phase II Report as backup), NYSDEC proposed site for de-listing from its Class 2 Registry in March 1995. However, NYSDOH did not support de-listing and proposed continued groundwater monitoring of Site monitoring and off-Site residential wells. Despite this, the Site was de-listed in July of 1995. A search of NYSDOH files revealed results from samples collected in June of 1991 from the Royal Carting on-Site office well and from a residential well on Kennedy Boulevard (north of the Site). No organic contaminants were detected in either of these samples and metals results were within normal ranges. NYSDOH has no record of residential well sampling after 1991.

Current Status:

Currently, the site serves as an active New York State-licensed transfer station (Town of East Fishkill Recycling Center).

The south easterly portion of the Site houses the paved and unpaved (gravel) parking areas, office and garage buildings, truck parking area and main entrance. The north eastern part of the property, where the landfill is located and the drums were previously stored., is used to store dumpsters. The eastern portion of the property (frontage on Route 82) is fenced and gated with appropriate security signs in place. There are residential properties to the north along Route 28 and to the east and west (downgradient) along Route 82. A large residential subdivision is located to the south of the Site across Route 82. All of these residences are on private wells.

Recommendation:

The data from the 1993 Phase II Investigation Report indicates that there are landfill impacts to the groundwater, surface water and sediment on the Site. These impacts seem to be minimal as contaminant concentrations were below NYSDEC clean up criteria. However, a release of hazardous substances to the environment has taken place on the Site and the entire Site has not adequately been characterized. It appears that the drums of waste oil and grease buried on the Site in the early 1980s were not completely excavated and removed during the 1982 removal by Royal Carting. The existing data and recorded history of the Site suggest that it is not a candidate for a Removal Assessment or Action. However, the Site should be re-evaluated for an ESI under the Pre-Remedial Program. In addition, sampling of residential wells adjacent to the Site should be performed by the State or County Health Department to determine if there are any current off-property impacts associated with the Site.

Reviewer: _____

David Rosoff, OSC

Date: _____

4/29/02



STATE OF NEW YORK
DEPARTMENT OF HEALTH

File

Office of Public Health

11 University Place

Albany, New York 12203-3399

Barbara A. DeBuono, M.D., M.P.H.
Commissioner

Karen Schimke
Executive Deputy Commissioner

March 28, 1995

Mr. Earl Barcomb, P.E., Director
Bureau of Hazardous Site Control
NYS Department of Environmental Conservation
50 Wolf Road
Albany, NY 12233

RE: Petition to Delist
Royal Carting Service Site
ID #314011
East Fishkill, Dutchess County

Dear Mr. Barcomb:

My staff have reviewed the available information on the Royal Carting Company site in Dutchess County which is the subject of this September 1993 Delist Petition.

Based on a review of that information, I do not concur with this Petition to Delist as data from an on-site monitoring well shows the groundwater contaminated with elevated levels of dichlorodifluoromethane as sampled in 1991 and other data showed detectable levels of volatile organic compounds in sediment and soils. It is recommended that the site be reclassified to a class 4 and that on-site monitoring wells and private wells be resampled as part of the monitoring required for a class 4 site. My staff will resample the private drinking water wells nearest the site. If initial sampling does not indicate that the groundwater is contaminated at levels greater than drinking water standards, the site should then be reconsidered for delisting. However, if contamination is detected at levels greater than drinking water standards, monitoring should continue for one year.

If you have any questions, please call Steve Bates at (518) 458-6305.

Sincerely,

G. Anders Carlson, Ph.D.
Director
Bureau of Environmental Exposure
Investigation